

54%

For EPA Use Only ID # _____

in-state SECTOR _____

*based on 2003 sales

Worksheet 5. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. Consortium Name: International Paper
2. Location: Eight total nurseries located in Arkansas, Alabama, Georgia, South Carolina, and Texas
3. Crop: Bareroot loblolly and slash pine forest seedlings

Pounds of Methyl

4. Bromide Requested 2007 107705 lbs. (assumes 98/2 formulation; 350lbs product/acre)

Acres Treated with

5. Methyl Bromide 2007 314 Acres

6. If methyl bromide is requested for additional years, reason for request:

At present methyl bromide remains a critical component in the production of quality bareroot pine seedlings for reforestation. In the absence of an economical or technically feasible alternative or IPM system, we will continue to need methyl bromide for soil fumigation.

2006	87122	lbs.	} incl. QPS -Subtract from QPS	Area Treated	254	Acres
2007	107702	lbs.		Area Treated	314	Acres
2008	91924	lbs.		Area Treated	268	Acres

Note: above request includes both QPS and CUE methyl bromide. At IP, 46% of seedlings are shipped interstate.

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Basamid	X	X	Potential human and environmental risks, lack of consistently demonstrable effectiveness, loss in crop quantity and quality
Metham-sodium	X	X	Potential human and environmental risks, lack of consistently demonstrable effectiveness, loss in crop quantity and quality
Flooding	X		Not feasible due to well-drained nursery soils. Further, nursery fields are sloped to enhance water movement.
Physical Removal	X		No practical method to remove weed tubers or pathogens.
Ploughing	X		Repeated ploughing compacts soil which will reduce plant growth
Solarization	X		The nursery cycle requires fumigation before sowing pine seedlings
			Fumigation can occur in November or March. Both periods are characterized by cloudy days and cool temperatures.

Organic Admendments	X	X	Weed populations are not controlled by organic amendmets.
			Effects on seedling quality have been variable.
IPM	X	X	At present a workable program to control weeds and soil
			pathogens has not been developed.
			This is the most promising area of research.
Containerized Seedlings		X	Conversion of an 800 million bareroot pine annual seedling
			production to containers is not economically feasible. Further,
		DAF	the cost of containerized seedlings is two to three times as
			much as bareroot seedlings.